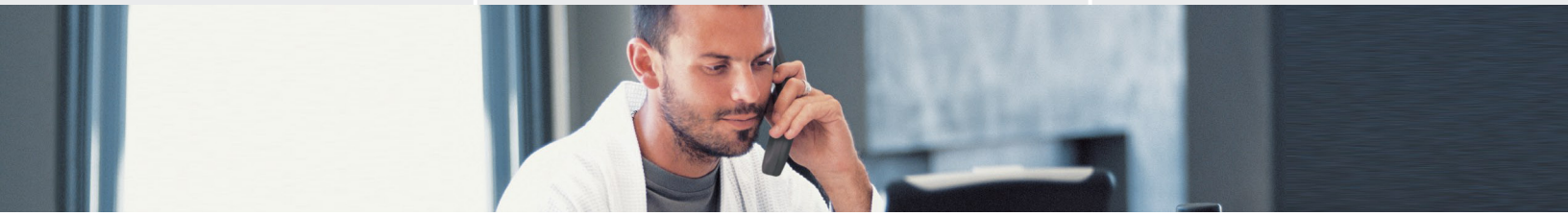
VoIP TELEPHONE ADAPTER

INTERNET PHONE CONNECTION
FXS port to connect to an analog phone for Internet phone calls

SMOOTH, QUALITY VOICE
VLAN and prioritized voice traffic for smooth and secure voice communication over the Internet

SAVE MONEY ON PHONE CALLS
Make phone calls anywhere in the world at little or no charge using the Internet



INTERNET PHONE MADE FOR HOME & SOHO

The D-Link DVG-2101S VoIP Telephone Adapter (TA) allows you to take advantage of your DSL/cable modem connection to make inexpensive Internet phone calls. It combines the industry's latest Voice over the IP network technology with advanced communication features, and is compatible with industry-wise phone service. This VoIP TA connects you to an ordinary phone set to let you make phone calls.

SUPERIOR VOICE QUALITY

The DVG-2101S incorporates Quality of Service (QoS) to ensure that voice received through the Internet is the same as or even surpasses that received on the ordinary phone. It supports many useful functions such as call transfer, caller ID display, 3-way conference, phone book, speed dialing and hot lines to make it convenient to dial out or answer phone calls.

COMPLETE SECURITY

The DVG-2101S supports voice VLAN to isolate your voice communication so it cannot be tapped over the network.

D-Link®

SAVE MONEY USING INTERNET PHONE

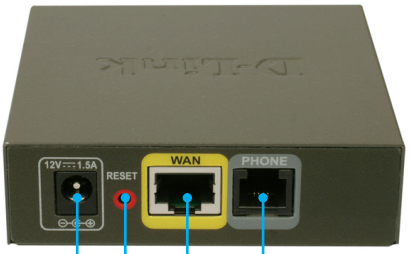
DVG-2101S

WHAT THIS PRODUCT DOES

Connect the DVG-2101S to an ordinary phone set, and you can make phone calls anywhere in the world using the Internet. This VoIP TA saves you phone charge by letting you make phone calls to anywhere at no or little charge.

CLEAR, SMOOTH VOICE OVER THE INTERNET

This VoIP TA lets you allocate network resources while guaranteeing Quality of Service (QoS). Network bandwidth management delivers smooth and clear voice communication over the Internet, while increasing productivity and efficiency by tailoring your system to specific demands such as time-sensitive VoIP and multimedia applications.



Power Socket
Connects To External Power Adapter

Reset Button

RJ-45 WAN Port
Connects To DSL/Cable Modem

RJ-11 FXS Phone Port
Connects To Telephone Set

TECHNICAL SPECIFICATIONS

DEVICE INTERFACES

+ RJ-11 FXS phone port
  Polarity reversal detection and generation (optional)
+ RJ-45 10/100BASE-TX WAN port with auto-MDI/MDIX

WAN ACCESS TYPES

+ PPPoE
+ Static IP address
+ DHCP client
+ PPTP/L2TP client
+ MAC cloning on WAN port

QoS

Class-of-service (COS) based on:

+ 802.1p Priority Queues
+ IP Precedence

VLAN

+ 802.1Q Tagging
+ Voice VLAN (optional)

VoIP

+ SIP ALG Through
+ SIP and RTP Priority Queuing
+ RTP Packet Summary: sent, received, loss packet count

MANAGEMENT

+ Web-based
+ Telnet
+ Multi-level password controlled administration
+ Remote firmware upgrade via HTTP, TFTP, FTP,
+ Built-in PING tool
+ Multi-function reset: reset, restore default
+ TR-069 (include TR-104) (optional)
+ NTP: 3 Time Servers, Time Zone support
+ Reset button

VOICE

+ SIP v2 (RFC3261) compliance
+ SIP METHOD: ACK, BYE, CANCEL, INFO, INVITE, NOTIFY, OPTIONS, PING, PRACK, REFER, REGISTER, SUBSCRIBE, UPDATE
+ SIP Extension: Session Timer, Proxy-Require, P-Asserted (RFC3325), MWI (RFC3842)
+ Voice Compression: G.711 a/u-law, G.726, G.729A/AB, iLBC/G.723.1 (optional)
+ CNG and VAD
+ Silence detection/suppression
+ G.168 echo cancellation
+ Adaptive jitter buffer
+ Programmable gain control
+ In-band DTMF
+ Out-of-band DTMF relay (RFC2833)
+ DTMF/Pulse dial support (optional)
+ Termination impedance:configuration (optional)
+ Failover SIP Proxy server registrations

FAX

+ T.30 FAX pass through
+ T.38 real time FAX relay

CALL FEATURES

+ Call Hold, Call Waiting, Call Pickup
+ Call Forward: Unconditional, Busy, No Answer
+ Call Transfer: Unattended, Attended
+ Speed Dialing, Repeat Call on Busy, 3Way Conference Call
+ Caller ID: DTMF, FSK-Bell core, FSK-ETSI detection and generation, Japan CLIP/JCLIP, BT
+ Dial Profix
+ Hunting number support
+ Telephone book
+ E.164 numbering
+ Hot line

DIAGNOSTIC LEDs

+ Power
+ Provision
+ WAN
+ Register
+ Phone (FXS Port)

DIMENSIONS

87 x 79 x 26 mm

WEIGHT

142 grams

POWER REQUIREMENT

12VDC 1.5A

POWER INPUT

Through 100VAC to 240VAC 50/60Hz, external power adapter

POWER CONSUMPTION

0.3A/3.6W

MTBH

116383Hrs

OPERATING TEMPERATURE

0˚ to 40˚ C (14˚ to 104˚ F)

STORAGE TEMPERATURE

-20˚ to 60˚ C (-4˚ to 140˚ F)

OPERATING HUMIDITY

10% to 90% non-condensing

STORAGE HUMIDITY

5% to 95% non-condensing

EMISSION (EMI) CERTIFICATIONS

+ FCC Class B
+ CE

TELECOM CERTIFICATIONS

+ FCC PART 68
+ CE TBR21

SAFETY CERTIFICATIONS

(CE) LVD

CE FC

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BROADBAND